SONY® 3-773-571-21 (2)

FM STEREO CASSETTE-PLAYER WM-F10

WALKMAN FM

OPERATING INSTRUCTIONS

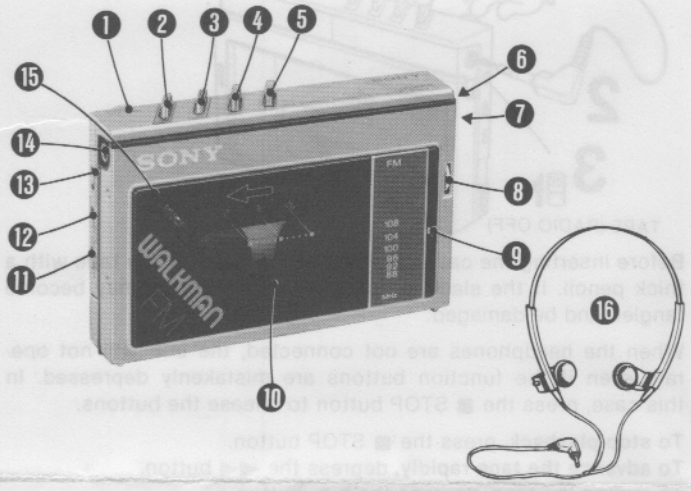
Before operating the unit, please read this manual thoroughly.
This manual should be retained for future reference.

WALKMAN is a trade mark of Sony Corporation.

Sony Corporation Printed in Japan © 1983

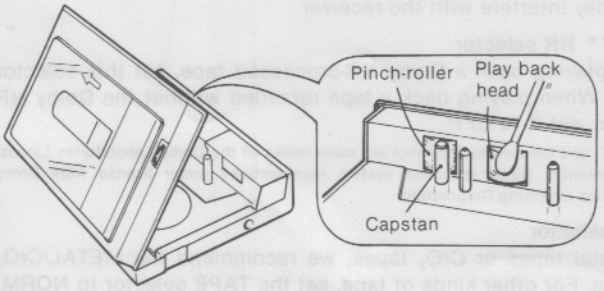
PARTS IDENTIFICATION

❶ VOLUME control
❷ ◀ PLAY (playback) button
❸ ■ STOP button
❹ ◀◀ (fast forward) button
❺ ▶▶ (rewind) button
❻ Battery compartment (inside)
❼ DC IN 1.5 V (external power input) jack
❽ Tuning knob
❾ Dial scale
❿ Cassette holder
⓫ TAPE selector
⓬ FM sensitivity/DOLBY NR selector
⓭ Function selector
⓮ Headphones jack
⓯ BATTERY indicator
⓰ Stereo headphones (supplied)



CLEANING THE HEAD

Clean the tape head after every 10 hours of use to enjoy optimum hi-fi stereo sound: moisten a cotton swab or a soft cloth with denatured alcohol and wipe the head and pinch-roller.



OWNER'S RECORD

The model number is located at the upper side and the serial number is in the battery compartment. Record the serial number in the space provided below. Refer to these numbers whenever you call upon your Sony dealer regarding this product.

Model No. WM-F10 Serial No. _____

PRECAUTIONS

- Operate the set only on 1.5 V dc.
- Do not leave the set in a location near heat sources, or in a place subject to direct sunlight, excessive dust, moisture, rain or mechanical shock.
- For the set to operate at its best, it should not be subject to temperatures below 5°C (41°F).

About the headphones

- Avoid playing your WALKMAN at so loud a volume that extended play might affect your hearing.
- **At a high volume outside sounds may become inaudible. Avoid listening to your WALKMAN in situations where hearing must not be impaired, for example, while driving or cycling.**
- As the supplied headphones are of open-air design, sounds go out through the headphones. Remember not to disturb those close to you.

If you have any question or problem concerning your set that is not covered in this manual, please consult the nearest Sony Service Station authorized to service tape recorders (in the USA) or the nearest Sony of Canada Factory Service Station (in Canada).

SPECIFICATIONS

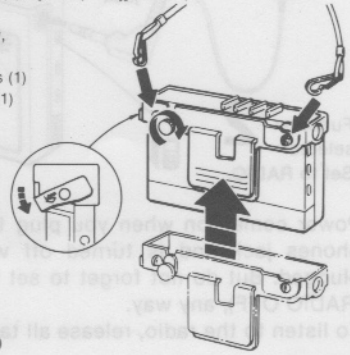
Radio section
Frequency range FM: 88–108 MHz
Antena Headphone cord antenna

Tape player section and general
Tape track 4-track 2-channel stereo
Fast winding time Approx. 2 min. 30 sec. with Sony cassette C-60
Frequency response (DOLBY NR OFF)
40–15,000 Hz (with the TAPE selector set to METAL)
40–15,000 Hz (with the TAPE selector set to NORM)
Power output 4.5 mW × 2 (at 10% harmonic distortion) at dc operation
Power requirements 1.5 V dc
Size AA battery (IEC designation R6)
External batteries (used in the optional battery case EBP-10):
size AA (IEC designation R6) × 2
DC IN 1.5 V jack accepts: Sony AC-D1 ac power adaptor (optional)
for use on 120 V ac or Sony DCC-70 car battery cord (optional)
for use with 12 V car battery.
Battery life

Battery	FM reception	Tape playback
Sony New Super SUM-3(NS)	4	2
Sony Eveready alkaline AM-3	8	4

(hour)

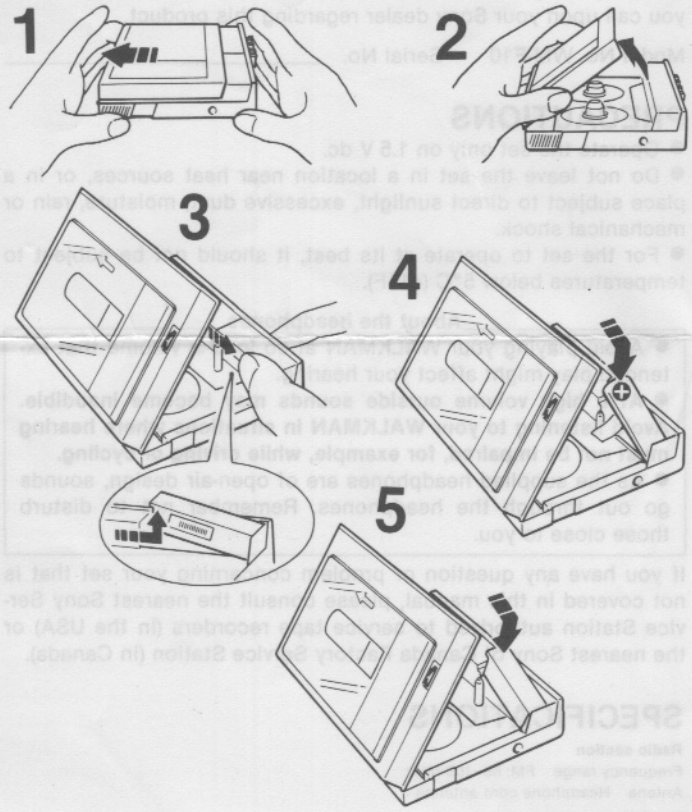
For maximum performance we recommend the use of alkaline battery.
Dimensions:
Without cassette:
Approx. 111.5 × 74.8 × 22.3 mm (w/h/d) ($4^{1}/_{2} \times 3 \times {}^{29}/_{32}$ inches)
Approx. 110.8 × 70 × 21.3 mm (w/h/d) ($4^{3}/_{8} \times 2^{3}/_{8} \times {}^{27}/_{32}$ inches)
not incl. projecting controls
With cassette:
Approx. 111.5 × 86.3 × 22.3 mm (w/h/d) ($4^{1}/_{2} \times 3^{1}/_{2} \times {}^{29}/_{32}$ inches)
Approx. 110.8 × 81.5 × 21.3 mm (w/h/d) ($4^{3}/_{8} \times 3^{1}/_{4} \times {}^{27}/_{32}$ inches)
not incl. projecting controls
Weight: Approx. 200 g (7 oz) incl. battery, not incl. other accessories
Accessories supplied: Stereo headpones (1)
Sony SUM-3(NS) New Super battery (1)
Holder and shoulder strap
(1 set, see the illustration.)
Design and specifications subject to change without notice.



OPTIONAL ACCESSORIES
AC power adaptor AC-D1
Car battery cord DCC-70
Carrying case LC-F10
Battery case EBP-10
Stereo active speaker system SRS-10
FM stereo/AM receiver system SRS-F10

BATTERY INSTALLATION

Insert a size AA battery (IEC designation R6) following the illustration.



Note: If the set is not to be used for a long period of time, or is to be operated extensively with other power sources*, remove the battery to avoid damage caused by battery leakage and corrosion.

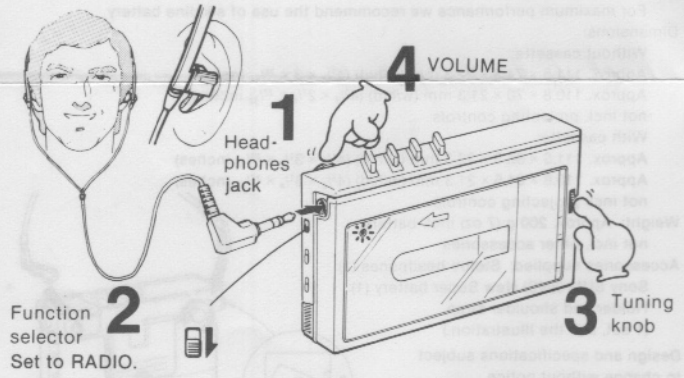
* In addition to using battery, you can operate the unit with the appropriate ac power adaptor or the car battery cord described in "Specifications".

Battery replacement

If the playback sound becomes distorted or unstable, replace the battery.

The BATTERY indicator will help you to know the battery condition. If the battery is weak, the indicator will glow faintly. For extended play, use the optional battery case EBP-10 to operate the set with two size AA batteries (IEC designation R6).

FM RECEPTION



Power comes on when you plug the headphones into the headphones jack and is turned off when the headphones are unplugged. But do not forget to set the Function selector to TAPE (RADIO OFF), any way.

To listen to the radio, release all tape operation buttons.

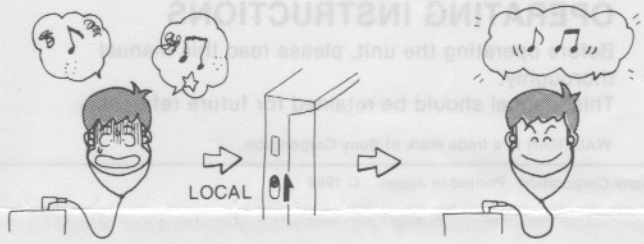
FM sensitivity selector

This selector has a dual function.

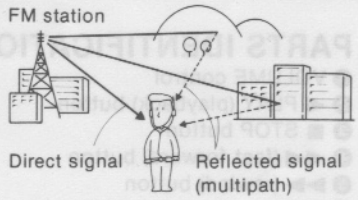
For FM reception, this selector serves as an FM sensitivity selector.

Normally set the selector to DX. However, if a very strong station signal causes noise or if multipath* signals are heard, set it to LOCAL. The noise will be reduced.

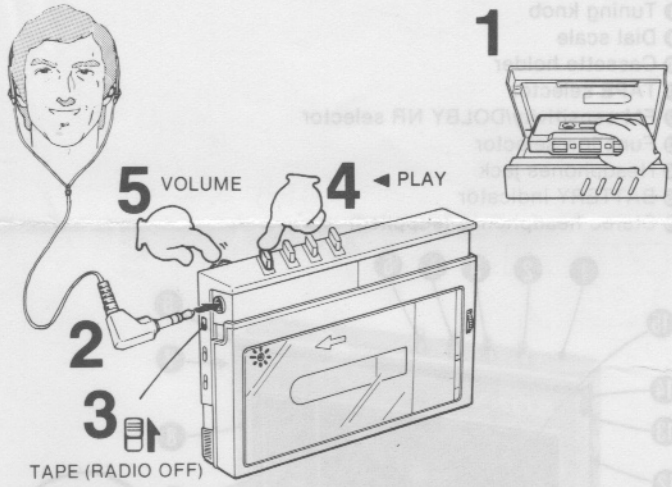
When playing a tape back, it serves as a DOLBY NR selector. See "DOLBY NR selector."



*Multipath, which often occurs in a street with big buildings or in a mountainous area, is a signal reflection from structures or hills that reach the receiver considerably later than a direct signal. A multipath condition brings about high-frequency noise, distortion, and a poor stereo effect.



TAPE PLAYBACK



Before inserting the cassette, take up any slack in the tape with a thick pencil. If the slack is not taken out, the tape may become tangled and be damaged.

When the headphones are not connected, the unit will not operate even if the function buttons are mistakenly depressed. In this case, press the ■ STOP button to release the buttons.

To stop playback, press the ■ STOP button.
To advance the tape rapidly, depress the ◄◄ button.
To rewind the tape, depress the ►► button.

In fast forward or rewind mode, power automatically turns off at the end of the tape and the motor stops to avoid battery wear. Be sure to press the ■ STOP button to release the ◄◄ and ►► buttons.

Note: Do not operate your WALKMAN near an AM receiver. If you do, it may interfere with the receiver.

DOLBY* NR selector

When playing back a Dolby NR-processed tape, set this selector to ON. When playing back a tape recorded without the Dolby NR process, set it to OFF.

* "Dolby" and the double-D symbol are trade marks of the Dolby Laboratories Licensing Corporation. Noise reduction system manufactured under license from Dolby Laboratories Licensing Corporation.

TAPE selector

For metal tapes or CrO_2 tapes, we recommend the METAL/CrO_2 position. For other kinds of tape, set the TAPE selector to NORM.